

Technology's Possessions Include Over Eighty Acres

Recent Land Purchases Predict A Greater Technology In the Future

Like many universities the land owned by the Institute is spread over a considerable area and is confined to no centralized location. In general, it may be divided into the main campus, the property west of Massachusetts avenue opposite the Naval Architecture Building, the block in which the Rogers Building is located and the surveying camp in Maine.

The main campus comprises the great court, the span between the main site and Walker Memorial, the area facing and included by the dormitories, and the space directly behind the Institute where a group of new laboratories will eventually be erected. It was in 1912 that General Coleman Dupont made the present main location possible by donating \$1,500,000 for the total 50 acres.

In 1861 the State of Massachusetts granted the original site occupied by the first Technology. This included two-thirds of the block bounded by Boylston, Berkeley, Newbury and Clarendon streets and was then valued at \$1,500,000, which now represents about three times that price. The Rogers building on this land formed the nucleus for all the educational facilities that were in use at that time. It was here that the first students matriculated and graduated.

With the possibilities of future expansion in mind, the Institute has been steadily buying blocks of land west of Massachusetts avenue opposite the main buildings and as far as the new road just east of Jordan Marsh's store. In 1924, 1926, and 1928 purchases were made that now include the area with the exception of the Armory, Tech Block, Benley Hall and apartment house, Riverbank Court and adjoining apartments, a hospital, three fraternity houses, Mrs. Moore's private house, Riverside Apartments and a single small lot on the drive near the new road. This territory totals 30 acres and is valued at \$854,000.

The Civil Engineering Camp at East Machias, Maine includes about 700 acres. It is used by the Institute only in the summer when several required courses are regularly held.

During the recent construction of the Guggenheim Aeronautical Laboratory trenches were dug parallel to Massachusetts avenue for several power lines which will eventually be used to supply current to the future buildings on the land west of the drill field. How soon developments will take place is, as yet, largely a matter of conjecture.

SONGBOOK CAMPAIGN STARTS NEXT WEEK

New Shell to be Bought With Proceeds of Drive

Starting next Monday and continuing all week, a drive will be held to increase the sales on the songbook that was printed this year. This drive is being sponsored by the committee that was appointed recently by the Institute Committee.

These songbooks are being sold to raise money toward the purchase of a new shell to replace those that were damaged last year. To date, only 500 copies have been disposed of, the receipts from which have not been enough to pay for the printing. The drive will be extended to the fraternities, dormitories, and sales about the Institute. Roy W. Ide '30 will be in charge of the fraternity campaign and Frank P. Champlain '31 in charge of the dormitory sales.

Prom Nominations to Close This Afternoon

Nominations for members of this year's Junior Prom Committee are due today. The blanks must be left in the Information Office before 5:30 o'clock this afternoon. These blanks should be made out according to the form printed in THE TECH and should contain the names of five sponsors in addition to the signature of the nominee. Elections are scheduled to be held one week from today.

Prof. C.F. Taylor To Address A.E.S. At First Smoker

"Present Status of Aeronautical Engineering" Subject of Meeting Thursday

As the climax to the membership drive of the Aeronautical Engineering Society, Professor Charles F. Taylor, new head of the aeronautical engineering department, will address the members on "The Present Status of Aeronautical Engineering" at a smoker, 7:30 o'clock Thursday evening in Room 3-270.

Professor Taylor has recently been abroad where he had the opportunity to study the trend of aeronautics in Europe.

At this meeting, a tentative plan for glider construction will be announced and an outline of working hours will be drawn up. There will be a discussion of new elections which must be made due to the resignation of two of the officers.

The membership drive made Monday and Tuesday, has totalled over one hundred new members. It will continue today. A display in the Main Lobby featured two old time examples of glider construction. The rudder and fin of the 1922 glider which competed in France and Germany that year was shown. It was designed by Otto Carl Koppen '25, who is now a professor in our aeronautical engineering department.

A rudder designed by Edward P. Warner '17, former head of the department of aeronautical engineering, five years ago was displayed to contrast it with the light weight rudder in use at the present time. Pictures and articles of the various Technology gliders in flight were shown. Any member of the Institute is eligible to join the society. Students may sign up at the smoker Thursday evening.

SMOKER PLANNED FOR MEN IN DORMITORIES

All First Year Men Required To Attend First Smoker

At the meeting of the Dormitory Committee, held last week, it was definitely decided to hold the first of the two annual smokers of the year, on Thursday night, November 7, in Prospect Hall, Cambridge. Attendance is to be compulsory for the dormitory freshmen, and it is expected that a great majority of the upperclassmen will be present to enjoy the fun.

Harold Plant '30, has been chosen Chairman of the Smoker Committee, and according to members of the Committee, the smoker program will be fully the equal of that presented at the second smoker last year, if not a little better.

Smokes and eats will be offered to all present in liberal amounts during a short intermission, and dormitory upperclassmen are urged by committee members to keep the date open. Freshmen, of course, will be required to see that nothing interferes with their smoker attendance, unless they wish to encounter the strong arm of the law.

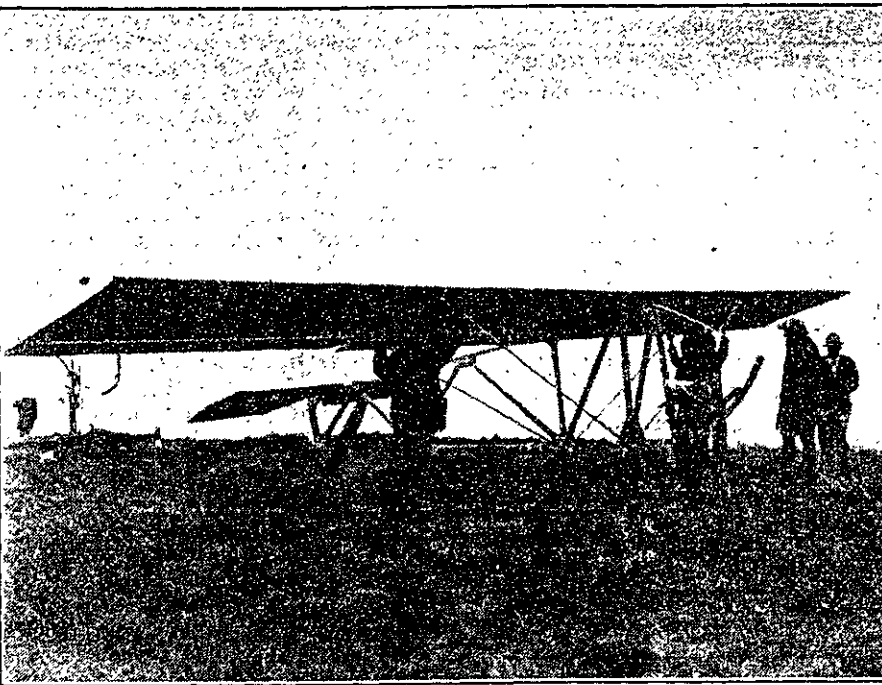
CHEMISTRY SOCIETY PRESENTS PICTURES

Industrial Moving Pictures Open to Entire Student Body

"Romance of Rubber", and the "Story of Bakelite", moving pictures dealing with the rubber and bakelite industries, will be presented by the M. I. T. Chemical Society to-morrow afternoon at four o'clock, in Room 10-250. The meeting is to be open to faculty members and to all students, whether members of the Society or not.

To-morrow's pictures will be the first of a series of such industrial pictures, which are to be presented on alternate Thursdays. These pictures are shown through the courtesy of the Chemical Society, and all students interested in the subjects presented, are welcome to attend.

A.E.S. Glider Flown on Cape Cod



Cup Is Offered For Best Frosh Matmen in Meets

Freshmen Are Urged to Sign— Practice to Start on November 4

Due to the record of last year's yearling matmen, a cup is to be awarded this season to the freshman showing the greatest improvement. The winner of the interfreshman competition will be judged on his record in tournaments, meets, and tryouts for the team. The cup will be awarded without regard to the weight of the matmen, the light classes having the same chance to win as the heavies.

All freshmen interested in wrestling must sign up in Coach McCarthy's office before next Friday. Practice will start in the Hangar the Monday following Field Day. This year the freshmen will learn to wrestle under the direction of a new coach, former matman on the famous Oklahoma Aggie team. Last year the yearlings captured the first intercollegiate crown, after one of the largest seasons ever scheduled for a freshman mat team.

This year a still bigger season is planned, giving the freshmen a chance to earn their numerals in one of the most popular freshman sports at the Institute, and learn the art of wrestling. The physique of any wrestler proves the value of the sport as an exercise, and its growth proves its popularity among the athletes at the Institute.

ELECTION OF MEMBERS HELD BY WALKER CLUB

Election of new members was held by the Walker Club at a meeting held last Sunday. Those elected were: Horace S. Ford Jr., Robert M. Snyder, O. Glenn Goodhand, H. Sheldon Smith, Richard H. Yates and Robert H. Hubbard, all of the Class of 1931.

CLASS OF 1933 HOLD MASS MEETING FRIDAY

Class of 1933 will hold its first mass meeting Friday at 5 o'clock in Room 10-250, directly after drill. There will be several addresses made, and various devices will be employed to arouse the enthusiasm of the freshmen over their Field Day teams.

Awkward Freshmen Will Row Barges Field Day

Due to lack of progress on the part of the freshman oarsmen, the Field Day races will be held in eight-oared Lap-streak barges. The extra weight of these boats allows the inexperienced crew to race with just as much splash and confusion and more safety than would be if they were in regular shells. To give the youngsters an even break the Sophomores will also use these boats which were obtained this fall from Harvard.

Crippled Booters To Play Saturday

Reihl, Fragicomo, and Youngson Out of Game Because Of Injuries

Saturday the Varsity booters will meet Worcester Polytech in the third game of the season on the Worcester field. A crippled team will go on the field against Worcester, due to the injuries in the last game. Reihl, who has been suffering from a sprained back, will not be in the line-up this week-end. Youngson, whose shoulder was dislocated in the last game will also be out of Saturday's fray. Fragicomo who was also injured last Saturday will also be out of the game.

Varsity Expects Win

In spite of the crippled line-up, the Varsity is expected to win their game against W. P. I., due to their excellent showing against the Big Green eleven. Although the Dartmouth team piled up a big score against the Engineers, the game was one of the hardest ever fought on the Big Green field. Stoolmeyer, former Olympic player on the West Indies team, was the big cog in the Dartmouth offense scoring five of the seven goals scored by the team.

Last Saturday Worcester Polytech won its game against Wesleyan 2 to 0, and is expected to give the Engineers a hard battle, but the Varsity will have no Olympic stars to stop. On the following Saturday the Beavers will play the Bridgewater Normal booters on the Bridgewater field.

CORP XV TO HANDLE MANY FACTORY TRIPS

First National Stores Warehouse to be Visited First

Visits and inspections of factories and plants which are in coordination with the course in business management will be made entirely through Corporation XV this year. The first of these will take place tomorrow at 3:15 o'clock and it is planned that a group of thirty will visit the First National Stores warehouse in Somerville.

This grocery warehouse is the largest in New England and is new in all its equipment and methods. The methods of storing and shipping goods will be explained to the visitors. There is also an automatic inventory which keeps the stock quantity known at all times. Men are to furnish their own transportation and will meet at the door of the warehouse.

Continue Membership Drive

The drive for membership which Corporation XV has been carrying on for the past two weeks is continuing this week. William R. Jackson '30, president of the Corporation this year, has been speaking about the organization in the different classes. Men are being given the opportunity of signing up with a deferred payment of their dues. The first meeting is tentatively scheduled for November 13.

CRUSADERS WILL OPEN ENGINEER HARRIER SEASON

Leon Thorsen, Winner of Last Holy Cross Meet Will Lead Engineers

LINEUPS ARE ANNOUNCED

Visitors Defeated by Harvard In Only Meet Entered This Season

Both the Technology Varsity and freshman cross country team will meet Holy Cross, their first opponents of the season, on Friday afternoon. The Holy Cross teams have already met competition this fall, when Harvard met the Crusaders on October 11 and administered defeat to Varsity and freshmen.

Line-ups Announced

Coach Hedlund has announced the following line-up for the teams that will take the field at Franklin Park:

VARSITY	FRESHMAN
Thorsen, (Capt.)	Marsters
Gilman	McKay
Herbert	Kessler
Berry	Stalter
Baltzer	Payne
McSheehy	Bell
Allbright	Burdick
Fisk	Rosenthal
Moody	McMann
	Damon
	Russett
	Crane

Of the above men, seven will represent the Institute on each team. The other men who are listed will run without numbers and will be competing only for positions on the team in future meets. McNiff is at present not included in the Varsity line-up as he has been out for a week with a sore foot. He may possibly start on Friday with the regular team.

Engineers Won Last Year

Technology won the Varsity race with Holy Cross last year and the Crusader freshmen were first in the yearling race. The score in the Varsity event was M. I. T. 25; Holy Cross 30. The freshman score was Holy Cross 22; M. I. T. 33. Captain Thorsen was the outstanding performer of the afternoon as he won the Varsity, after leading the entire distance, by a margin of over 300 yards.

Brennan of Holy Cross took second place last year. In the meet with Harvard earlier this season, he finished first among the Holy Cross runners but followed Hollowell of Harvard across the line to take second place. McNiff, the only Engineer Varsity man out with injuries, took third place in the 1928 meet.

Crusader Entrants Announced

Other possible starters for Holy Cross in the Varsity race are O'Connell, Cannon, McCafferty, Parent, Varella, Casson, Adams, Cerasuolo, and Holland. Casson took seventh place in the Engineer-Crusader meet last year. McCafferty is a short and middle-distance runner and is unaccustomed to the long grind of Cross country. At Harvard two weeks ago he led the entire field for two miles but at the end of that distance the pace began to tell and he dropped back to finish in thirteenth place.

Holy Cross Yearlings Strong

Cuneo stands out among the Crusader freshmen. He finished seventh behind six closely packed Harvard men after having been out for a week previous to the race due to injuries. Blake, Goett, Clarke, (Continued on Page 3)

Institute Burns Lights In Edison Celebration

Celebrating the fiftieth anniversary of the discovery of the electric light, the Institute had all its lights burning on Monday night until ten o'clock. The building stood out against the sky as it does on Open House Day, but it appeared as a hollow shell without any people roaming about it. The M. I. T. Army searchlight was in operation, tracking an airplane which flew about over Boston in the celebration. Among the searchlights following the plane was one which came from the dormitories and consisted of an old Ford light and a 21 candlepower bulb with no lens.

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OFFICIAL ALTRUISM

REALIZING that the benefits of having famous educational institutions in the city might become negative to Cambridge, Massachusetts Institute of Technology, Harvard University and Radcliffe College have generously entered into agreement with the city to pay taxes upon certain of their holdings. While wholly within their rights in claiming exemption from such payment, the colleges saw that the limit might easily be reached beyond which Cambridge would be losing money out of all proportion to the indirect benefits incident to the presence of the schools within the city.

The official action was made as of July 1, 1928, but not until October 15, 1929 was the agreement actually executed. Since Technology is directly concerned, it is well that the students have a thorough understanding of the whole affair.

Of the holdings of the Institute, only a part of the land west of Massachusetts Avenue is affected. While this property totals thirty acres, only five acres approximately are to be taxed under the agreement. The property has an assessed valuation of \$182,000, and in taxes the Institute in 1928 paid \$5705.94, while this year the taxes will amount to \$5954.67 due an increase in rate. The terms of the agreement stipulate that none of the institutions involved will claim their legal right of exemption from taxation on their holdings at a rate greater than ten per cent each year. This means that, if the property now held by the Institute were to be used for educational purposes, Technology might claim annual exemption from taxation on only \$18,200 worth of the land so used.

Under the present laws in most states, educational institutions may claim complete exemption from taxes on their property. This being the case, any land bought by the Institute would normally be tax-free as soon as purchased. When one realizes that the City of Cambridge has an area of six and a half square miles, of which one and a half square miles are now owned by private schools, the anxiety of the city fathers can readily be understood. Constantly expanding as the universities are, the point might easily be reached where they owned so much property as to make the tax rate in the rest of the city prohibitive.

Perhaps in no other city is there such a situation. It would have seemed likely, nevertheless, that other cities and institutions would follow the precedent established here. As a matter of fact not many further examples of such an agreement have been noted. However, among the other schools in the vicinity, Wellesley College and the town of Wellesley have entered into a compact regarding property purchased by the College.

The whole affair is a thoroughly unselfish move on the part of the Institute. When Technology moved to Cambridge in 1916, it was at the city's official invitation. While Cambridge undoubtedly enjoys certain benefits due to increase in value of surrounding property, ours is the major advantage in the situation. It was a generous feeling which prompted the action, and one which should be appreciated.

INADEQUATE MENTALITY

JUST before the close of school last year, a total of over ten thousand high school students in Minnesota were given tests to determine their capability of carrying on regular college work. This group of tests was conducted by the Association of Minnesota Colleges. The purpose of this program was to determine the reason for the failure of a large percentage of students to complete their first year in college.

That such a program extended to include a larger group of secondary schools would give results of greater workability is an unquestioned fact. And that results obtained from it would be of great value to the colleges of the country is undoubtedly true. Perhaps if the College Entrance Examination Board could make this a nation-wide program, the time and money of many prospective entrants could be saved, to say nothing of the trouble that is caused the colleges which yearly lose a large number of undergraduates.

The Institute has in the past conducted psychology tests for entering freshmen, with disappointing results. The solution seems to be a test of actual knowledge.

As We Like It

"HOLIDAY"—THE PLYMOUTH

For light, sardonic comedy nothing could be more delightful than Philip Barry's "Holiday" opening this week at the Plymouth with its New York cast full and intact. Hope Williams, whom it will be remembered made her professional debut two seasons ago in "Paris Bound" with Madge Kennedy, makes a glorious heroine and captures the sympathies of the audience from her opening line to her parting challenge as the curtain drops.

The story is of a young man who has succeeded in establishing himself in a law firm wholly by his own efforts but who is convinced of the idea that he would prefer to take time off for a few years while he is still young to thoroughly enjoy life. He is not sure of just how his fiancée is liable to react to such a plan. In fact her admiration for the successes of her wealthy father and grandfather make it rather evident that his ideas will be anything but favorably accepted. The assistance of Hope Williams as his fiancée's sister in the solution of his difficulties makes a rollicking comedy full of interesting situations patter.

Of Hope Williams' work no praise can be too high. The piece hangs on her excellent portrayal of a really difficult role. Dorothy Tree as the ambitious fiancée who wanted only wealth was convincing.

Ben Smith as the boy friend might have shown a little more enthusiasm for his ideas. His forte seems to be his manly figure. For supreme comedy Donald Ogden Stewart is unexcelled in his story of his rise from immigrant to successful business man. It was one of the many sparkling episodes of the play.

A delightful and refreshing piece, interrupted many times by applause of an appreciative audience, it is thoroughly worth the evening.

Seats for this play and other theatrical attractions at box office prices may be obtained from the T. C. A. office, Walker Memorial.

LOEW'S STATE

Gloria Swanson makes her debut in talking movies at the State this week in a picture which anyone will find difficult to dislike. "The Trespasser"

is not one of the dazzling type of picture, but is a drama of the more natural sort acted with a degree of skill seldom seen in talking pictures. Gloria was always very attractive, even as a silent actress. Now her talking and even her singing enhance her charm, instead of detracting from it, something which is not always true of talkies.

The story starts in a conventional manner when the pretty stenographer elopes with a son of a Chicago multi-millionaire and society leader. Follows father's rage, and his attempts to pull the wool over son's eyes by promising to give the girl social position if the marriage is annulled for the present. The hoax meets with the young man's approval, and he tries to

get Gloria to accede to the scheme. But she is not so dumb, and leaves the two of them on the spot. From then on the story never lags. The sincere quality of the acting is very pleasing, and every one in the cast, including even the baby, deserves credit.

Any words spent on the Harry Langdon comedy are unnecessary. He does himself justice in being more foolish than ever.

The State again makes a stage offering of another of these orchestras of talented young women. Because of their many accomplishments, for the girls do much more than play, they prove themselves to be really good, and present an act which is at least acceptable.

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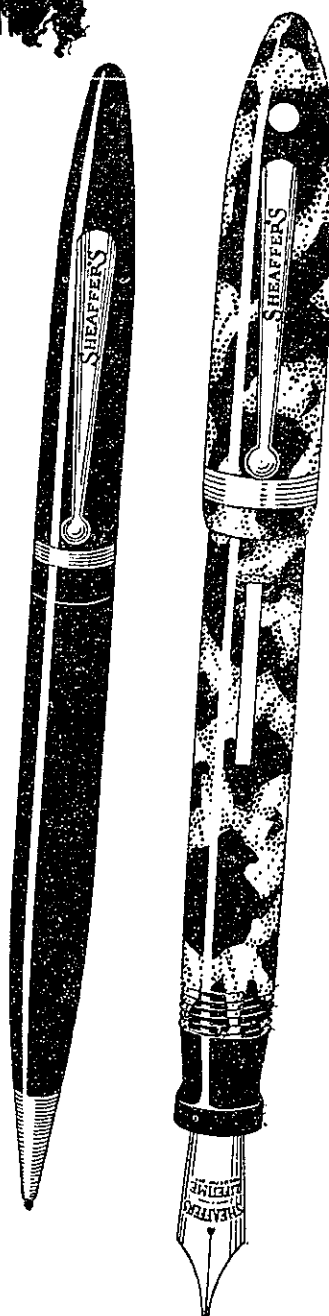
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Boxing Team Will Hold Meeting In Hangar Tonight

O'Malley, Bolanos, Jamison, And Other Veterans Will Put on Bouts

Boxing season will open informally in the Hangar Gym tonight and all members of the Varsity and last year's freshman team are urged to be out for practice. Coach Rawson will start the season's work tomorrow afternoon by giving all the men setting-up exercises, followed by practice bouts in the ring.

O'Malley to Box
Among the famous mittmen back this year for Technology is Captain Bolanos, who went through last season without a defeat, and promises to duplicate his record this season. He will start practice tonight with other members of the Varsity to open the fistic season. O'Malley, the Intercollegiate Champion of a year ago, is also back at the Institute, and will box the coming season with the Varsity. He will also be seen in action tonight in the Hangar Gym.

Jamison, former 145 pound Varsity star, will also be out for this first practice. Being defeated only once last year, he is one of the biggest threats in the ring for Technology, having scored more knockouts than any other man on the team. He lost his last match last season to Dartmouth, having gone into the ring with a sprained hand.

Freshmen Invited
All freshmen interested in boxing are invited to the first practice to workout with last year's Varsity and freshman team. Freshmen wishing to substitute Boxing for Physical Training must sign up in Coach McCarthy's office before October 25. All yearlings coming out will be taught the stance of the boxer, and the use of left jab by Coach Rawson for their first workout.

DORMITORY ATHLETIC CHAIRMAN SELECTED

Basketball Season Scheduled To Get Under Way Soon

Thomas O'Connor '30, has been recently elected general athletic chairman of the dormitories, and will be in full charge of all the dorm sports this year. Schedules will be announced for the opening of the basketball season within the next week or two, and the dorm bowling league will probably start soon after the Christmas Vacation.

While it will not be known just how the rival hall basketball teams will shape up until the season starts, Runkle had by far the best team last year, with Atkinson, Holman, and O1-D the runners-up. Many men have been lost to the various teams, however, and not until the season is well underway, can the best teams be picked.

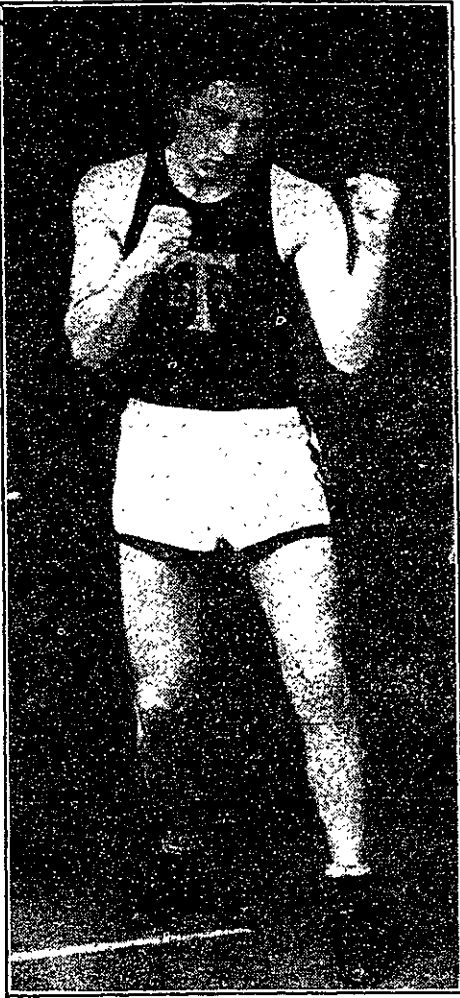
The ten weeks of bowling last year, provided some very stiff competition, ending in triple tie between Crafts, Runkle, and O1-D, and Runkle won out in the play-off, O1-D finishing second. This year, when the season starts in December, it will find Crafts without the old standbys, and from present indications, it looks much as if O1-D and Runkle would fight it out for the championship.

Sports Desk

With Field Day little more than a week away, the spirit of rivalry between the two lower classes seems decidedly more indifferent than usual. The tug-of-war candidates are scarcer than the proverbial hen's teeth—a fact that throws an uncomplimentary reflection on the class loyalty of those hosts of able freshmen and Sophomores who lack the skill, time, or initiative to get out for the crew or other teams.

The Sophomore crew is rather slow in organizing, a little behind the freshmen in this respect. From the appearance of the yearling outfit this year, the upperclassmen should be a bit more cautious and cease wearing so lightly the laurels which they won a year ago. All in all, it looks like a good race this year. Once the crews are organized definitely, a week of concentrated training can work marvels on the outcome of the Field Day Classic.

Football and relay seem to be holding their own, and that big game between the two rival elevens promises to be worthy of all tradition. The relay race last year was a hair-raiser. If comparative times mean anything, the same phenomenon should be repeated on November 1. Come on, frosh and Sophs! How about it?



Capt. Bolanos of the Boxing Team

Harvard University has recently established a school of city planning, the first of its kind in the country. The new school is an additional unit under the Faculty of Architecture, and leads to a master's degree. The chair was founded through the gift of J. P. Custis of New York City, and the Rockefeller foundation has donated a sum large enough to enable the opening of the new school. Professor Henry Vincent Hubbard of the Faculty of Landscape Architecture has been designated as the first incumbent.

M.I.T.A.A. Seeks Information on T

Executive Committee Asks All "T" Wearers, Coaches, and Managers to Reply

The Executive Committee of the M. I. T. A. A. has forwarded the following questionnaire to all wearers of the "T", managers, and coaches of athletic teams. It is hoped that this correspondence will receive careful attention as the formation of future policies will be dependent upon the information derived from them. The Executive Committee requests that this questionnaire be returned as promptly as possible in order for the material to be presented at the coming meeting of the Advisory Council. It appears in the following text:

1. Do you approve of awarding managers the same insignia as is given to members of the team?
2. If not, what type of award do you suggest?
3. Do you approve of the award of "T" for exceptional service as manager of a recognized sport?
4. If not, do you approve of an award similar in honor but in some way distinguished from that awarded to athletes, say a "T" with a bar underneath?
5. Do you approve of the present rule which allows the award to a freshman of the varsity insignia of "aTa" when they are first place winners in the open class meets?
6. Do you believe this policy should be extended to include cases of exceptional merit such as winners in freshman intercollegiate championship meets (boxing, wrestling, etc.)?
7. Do you believe that no freshman should win a varsity award?
8. Suggestions.

Northwestern University claims the youngest student in the United States, Harold Finley, from Ohio. Finley began school at the age of six, skipped six grades, and graduated from high school at the age of 13, valedictorian of his class.

HARRIERS WILL MEET HOLY CROSS

Last Year's Varsity is Intact But for Three Men Lost By Graduation

(Continued from page 1)
Sullivan, Walsh, Fisher, Flynn, Tamasson, and Powers are the other possible starters for Holy Cross in the yearling race.
Ex-Captain Worthen, Mitchell, and Holmes are the only absentees to the Engineer Varsity team of last year. It has been swelled this year by the addition of the men who competed as freshmen last year. Outstanding among these men is Gilman, captain of last year's freshman team. He took second place in the yearling-Holy Cross meet last year.

RENT A TYPEWRITER
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NOTICES - ANNOUNCEMENTS

Of General Interest

Hydraulic Turbines

Dr. Ing. D. Thoma

Wednesday, October 23, 2 P. M., Room 1-190

Dr. Ing. D. Thoma, Professor of Hydraulics, Water Power Machinery and Water Power Plants, will present the eighth lecture in the series on Hydraulic Turbines and Related Subjects in Water Power Plant Design. The topic of this lecture will be "Stability Problems involved in Governing Hydraulic Turbines." The lecture will be illustrated by lantern slides. The lecture is open to students and members of the instructing staff.

NOTICE

HI, FROSH!

THE TECH issues forth a call for candidates for positions in the circulation department. Further promotion from circulation manager leads to business manager or general manager. Call at 302.

CALENDAR

Wednesday, October 23

2 P. M.—Hydraulic Turbine lecture, Room 1-190, Dr. Ing. D. Thoma.
7:30 P. M.—Baton Society meeting, Phi Kappa fraternity.

Friday, October 25

9—12 M.—Last day for P. T. substitutions.
5 P. M.—Meeting of Freshman Class, Room 10-250.

Saturday, October 26

6—9 P. M.—Boston Boat Club Dinner, Faculty Dining Room, Walker Memorial

Tuesday, October 29

3:30 P. M.—Architectural Society meeting, Rogers Building.

Notices

INSTRUMENTAL CLUB

There will be a rehearsal of the Instrumental Club, Wednesday October 23 at 5 p. m. in North Hall, Walker.

INDUSTRIAL CHEMISTRY MOVIES

The first of this year's series of Industrial Chemistry Movies will be given on Thursday, Oct. 24 at four o'clock in Room 10-250. The pictures will

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be on the "Romance of Rubber," and the "Story of Bakelite." All students are welcome.

FENCING

All freshmen who wish to substitute fencing for P. T. are reminded that they must do so before Oct. 25.

AERONAUTICAL ENGINEERING SOCIETY

The Aeronautical Engineering Society is now forming. All persons who are interested are asked to sign up as soon as possible in the Main Lobby.

SOCCER NOTICE

All freshmen who are out for soccer are requested to report at the Coop Field every morning at 7 o'clock.

FRESHMAN FENCING

All freshmen who intend to substitute fencing for P. T. must sign up in Henry P. McCarthy's office before 12 o'clock on Friday. Men who have had previous instruction in fencing are requested to report in Walker Gymnasium either today or Friday at five o'clock. All others are to report on Monday at 5 o'clock.

BATON SOCIETY

A meeting of the Baton Society will be held tonight at 7:30 o'clock in the Phi Kappa fraternity house at 278 Commonwealth Avenue, Boston. All members are requested to be present.

FRESHMAN TRACK

Although 12 o'clock today was set for the final time for P. T. substitution in track, this time has been extended to 12 on Friday for the benefit of those men who for one reason or another have failed to sign up in Henry P. McCarthy's office. This is positively the latest date at which the substitution may be made.

GYM TEAM

All freshmen planning to substitute gym for P. T. must make the substitution by signing up in Henry P. McCarthy's office not later than 12 noon, Friday, Oct. 25. Men interested in managerial positions are requested to report to Manager Straley immediately.

PHOTOGRAPHIC SOCIETY

The Photographic Society will hold a meeting at 5 o'clock, Friday afternoon, in Room 5-130. One of the members will briefly explain the fundamental principles of photography, and all others are urged to be present.

TECHNIQUE PICTURES

Appointments for sittings for Senior pictures for the 1930 Technique are now being made. These may be made in front of the Information Office every day at the following times: from 8:45 to 9 o'clock, from 12 to 2:30 and from 4:30 to 5:30 o'clock in the afternoon.

FRESHMAN BOXING

All men who wish to substitute boxing for P. T. must sign up before October 25, in Room 335, Walker Memorial. Men interested in trying out for the position of Assistant Manager are requested to leave their names at the boxing desk in the M. I. T. A. A. office, at once.

Trip to Library Incorporated In English Course

Importance of Finding Information Emphasized by Instructor

The inculcation of the ability to find and interpret information as an essential part of an education was strongly stressed by Professor Walter W. Jamison in a recent interview. With this end in view he has incorporated into the English courses of which he is head a number of lectures concerning the use of a library. These lectures are reinforced by a trip to the Boston Public Library, where the students, in groups of eight or ten, have an excellent opportunity under the instruction of Professor Jamison to become acquainted with the multifold facilities which the Library contains for obtaining information on every conceivable subject.

Illustrates Value to Engineer

The usefulness of a library to the engineer and technical man was illustrated in several ways. Professor Jamison referred particularly to the plight of a man who is offered a position in a distant city or country with which he is unfamiliar. He showed how, by merely investigating the matter in the local library, the man can acquaint himself with all the details concerning the climate and living conditions of the place, as well as the financial condition of the company which is offering him the job. He recalled several of his former students who had accepted positions in South America, and who, two days after their arrival there "would have given their souls to be back in the United States."

Of more particular import to the student is the method of acquiring material for a thesis. With regard to this, Professor Jamison said, in part: "Many men, when getting material for a thesis, read one book dealing with the subject and that is all. Then when the essay appears, it is simply a 'rehash' of what that particular author thinks about the problem. However, when a man reads several books on the same subject, he begins to acquire an 'idea' with regard to the subject, and as a result, when he writes the thesis, it represents his own idea on the matter. And furthermore, he has obtained it honestly. That is one of the principal points that we are trying to emphasize in the English course—to acquire an idea, and to acquire it honestly."

BATON HOLDS FIRST MEETING OF SEASON

Baton, the honorary Society of the Combined Musical Clubs will open the 1929-30 season, with a meeting to be held tonight at 7:30 o'clock at the Phi Kappa fraternity house. This is the first meeting that the organization has held this year, and it is expected that plans for the coming season will be discussed. For this reason it is urged that all members of the organization be present at this

From Purdue University through the medium of the "Purdue Exponent" comes the news of a new method for figuring the scholarship ratings of students. This rather unique method, which has been developed by the Faculty of the University, consists of applying the following formula:

$$S = \frac{6.5H + 5A + 4B + 3P + 2C + 1D + 1F}{H + A + B + P + C + D + F}$$

in which S equals the scholarship index; H, the total number of semester hours of grade H; A, the total number of hours of grade A, etc. Students conversant with such matters will immediately note the fact that the largest coefficient is placed before the letter which represents the victim's lowest average.

Professor Daniel Roesch of the Automotive Engineering Department of Armour Institute of Technology recently explained the "driver reaction indicator" which was developed there several years ago. This is a machine which is strapped to the running board of an automobile and records the length of time it takes for the foot of the driver to reach the brake pedal when a horn is sounded or a red light appears in front. The reaction time of most of the students was found to be normal, about .2 or .3 of a second. The fastest reaction was recorded in the case of a Yellow Cab driver, and was about .1 of a second.

Purdue University holds an annual "Dad's Day," when the fathers of all students are invited to visit the school and take part in a program especially arranged for their benefit. This year's program is the eighth annual observance of the day, and consists of registration, followed by a convocation at which the assemblage is addressed by the president of the university. This is followed by a military review, a dinner and a football game.

FRESHMAN TRACK

All freshmen who intend to substitute track for P. T. and who have not yet signed up are requested to do so immediately in Henry P. McCarthy's office in Walker Memorial. This must be done before Oct. 23 in order to receive credit.

FLOOR POLISHER LOST

The floor polisher of the T. C. A. organization and has not yet been returned. Will the party who has it return it immediately to the T. C. A. office in the basement of Walker.

ASSISTANT MANAGERS

The M. I. T. A. A. is in a position to place thirty freshmen and ten Sophomores as assistant managers in the different sports at the Institute. New men who have stated a preference for A. A. work on the T. C. A. cards and who are not already engaged in some activity should call at the M. I. T. A. A. office any evening at 5:00 o'clock.

RIFLE TEAM

All men interested in the M. I. T. Varsity Rifle Team are asked to report to the range on Wednesday and Friday from 1 to 5 o'clock.

MISSING LIBRARY BOOKS

A number of books, taken in the spring term from the shelves in the Faculty Room, Walker Memorial, have not been returned. Among these are:

"The Confessions of Jean Jacques Rousseau" in four volumes; an attractive edition bound in green morocco that formerly belonged to a private library on Beacon Hill. Another book of note is Goethe's "Faust," the sixth volume of a set of Goethe's Works in a specially printed edition which cannot be duplicated. The seventh volume of Byron from a set of seventeen volumes is also missing. There is one book missing from the Works of Barrie and from Conrad, Defoe, Emerson, Hawthorne, Maupassant, Anatole France, Tolstoy and Pergerew.

Mrs. King asks that they be returned to her at the Walker Memorial Library.

FRESHMAN SWIMMING TEAM

All freshmen who wish to substitute swimming for P. T. must procure their medical examination cards and sign up at H. P. McCarthy's office by Friday, October 25.

Freshman managers are requested to report to Manager Dean at the M. I. T. A. A. office between 5 and 6 o'clock on any day during the next few weeks. In case of his absence, a note bearing the name, address, and phone number of the candidate should be left on the swimming manager's desk.



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